

DERWENT-ACC- 1977-15710Y

NO:

DERWENT- 197709

WEEK:

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TITLE: Low shrinkage polytrimethylene terephthalate fibre prodn. - from stretched yarn of polyester obtd. from terephthalic acid and trimethylene glycol

PATENT-ASSIGNEE: TEIJIN LTD[TEIJ]

PRIORITY-DATA: 1975JP-0081973 (July 4, 1975)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 52008124	A January 21, 1977	N/A	000	N/A

INT-CL (IPC): D01F006/62

ABSTRACTED-PUB-NO: JP 52008124A

BASIC-ABSTRACT:

Raw matls. are stretched yarn (I) composed of polyester, having terephthalic acid as main acid component, and trimethylene glycol as main glycol component. In the prepn., (I) is contacted with heated solid at 120-160 degrees C or passed through heated gas at 140-190 degrees C, for heat treatment. Next, under tension of 5% under limited shrinkage of <10% it is contacted with heated solid at 150-190 degrees C, or passed through heated air at 170-220 degrees C, and heat-treated at least once at higher than the heat-treatment temp. initially. The fibre is used for clothings, interior decoration, non-industrial fibre, and others.

TITLE- LOW SHRINK TEREPHTHALATE FIBRE PRODUCE STRETCH YARN POLYESTER OBTAIN TEREPHTHALIC ACID
TERMS: GLYCOL

DERWENT-CLASS: A23 F01

CPI-CODES: A05-E04C; A11-B02B; A11-B02C; A12-S05L; F01-C06; F01-D04; F01-H05;

Multipunch Codes: 010 03- 143 144 151 155 163 166 169 170 200 428 429 481 483 619

DERWENT-ACC- 1977-15709Y

NO:

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TITLE: Polytrimethylene terephthalate fibre prodn. - by stretching and heat treating polyester with trimethylnen terephthalate unitsstts

PATENT-ASSIGNEE: TEIJIN LTD[TEIJ]

PRIORITY-DATA: 1975JP-0081427 (July 3, 1975)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 52008123 A	January 21, 1977	N/A	000	N/A

INT-CL (IPC): D01F006/62

ABSTRACTED-PUB-NO: JP 52008123A

BASIC-ABSTRACT:

Polyester having trimethylene terephthalate unit as the main repeating unit is melt-spun and the spun yarn is taken up so that double refraction is >0.0025. The stretched yarn is passed through heated gas at 160-210 degrees C or contacted with heated solid at 140-180 degrees C, and heat-treated.

The fibres obt'd. have excellent elastic recovery and good dimensional stability.

TITLE-TERMS: TEREPHTHALATE FIBRE PRODUCE STRETCH HEAT TREAT POLYESTER TEREPHTHALATE

DERWENT-CLASS: A23 F01

CPI-CODES: A05-E04C; A11-B02B; A11-B02C; A11-B15B; A12-S05L; F01-C03; F01-C06; F01-D04; F01-H05;

Multipunch	010 03- 143 144 151 155 163 166 169 170 200 30& 428 437 447 481 483 484 516 522 541 542
Codes:	551 560 566

L Number	Hits	Search Text	DB	Time stamp
1	511	(Corterra or PTT or PTMT or (polytrimethylene adj terephthalate)) and (elast\$6 or stretch or polyurethane)	USPAT; EPO; JPO; DERWENT	2002/11/25 13:43
2	99	(Corterra or PTT or PTMT or (polytrimethylene adj terephthalate)) and (elast\$6 or stretch or polyurethane) and knit\$5	USPAT; EPO; JPO; DERWENT	2002/11/25 13:55
3	70	442/313	USPAT; EPO; JPO; DERWENT	2002/11/25 13:56
-	71	442/306	USPAT	2002/11/22 08:59
-	6	raschel same warp same knit\$4 and (Corterra or PTT or (polytrimethylene adj terephthalate))	USPAT	2002/11/22 14:17
-	5	raschel same warp same knit\$4 and (Corterra or PTT or (polytrimethylene adj terephthalate)) and (elast\$6 or stretch)	USPAT	2002/11/22 09:04
-	6	raschel same warp same knit\$4 and (Corterra or PTT or (polytrimethylene adj terephthalate)) and (elast\$6 or stretch or polyurethane)	USPAT	2002/11/25 10:43
-	4	raschel same warp same knit\$4 and (Corterra or PTT or (polytrimethylene adj terephthalate)) and (polyurethane)	USPAT	2002/11/22 11:37
-	1	11-34593	USPAT; EPO; JPO; DERWENT	2002/11/22 09:14
-	8	"1134593"	USPAT; EPO; JPO; DERWENT	2002/11/22 09:15
-	17	doi and sugaya	USPAT; EPO; JPO; DERWENT	2002/11/22 09:31
-	3	"5919564"	USPAT; EPO; JPO; DERWENT	2002/11/22 09:26
-	0	WO0047802	USPAT; EPO; JPO; DERWENT	2002/11/22 09:26
-	1	WO00/47802	USPAT; EPO; JPO; DERWENT	2002/11/22 09:27
-	46	"0047802"	USPAT; EPO; JPO; DERWENT	2002/11/22 09:26
-	63	"47802"	USPAT; EPO; JPO; DERWENT	2002/11/22 09:27
-	46	"0047802"	USPAT; EPO; JPO; DERWENT	2002/11/22 09:27
-	63	"47802"	USPAT; EPO; JPO; DERWENT	2002/11/22 09:27
-	4	WO and "47802"	USPAT; EPO; JPO; DERWENT	2002/11/22 09:28
-	0	"WO0047802"	USPAT; EPO; JPO; DERWENT	2002/11/22 09:28

-	3	"9949111"	USPAT; EPO; JPO; DERWENT	2002/11/22 10:49
-	5	5919564.pn. 6284370.pn.	USPAT; EPO; JPO; DERWENT	2002/11/22 10:58
-	2	4442173.pn.	USPAT; EPO; JPO; DERWENT	2002/11/22 10:58
-	2	9-252686	USPAT	2002/11/22 11:03
-	2	9-252686	USPAT	2002/11/22 11:03
-	2	9-252686	USPAT; EPO; JPO	2002/11/22 11:04
-	0	09-252686	USPAT; EPO; JPO	2002/11/22 11:04
-	0	09-252686	USPAT; EPO; JPO; DERWENT	2002/11/22 11:04
-	2	9-252686	USPAT; EPO; JPO; DERWENT	2002/11/22 11:04
-	15	"252686"	USPAT; EPO; JPO; DERWENT	2002/11/22 11:05
-	48	Kato and Jinichiro and Fujimoto	USPAT; EPO; JPO; DERWENT	2002/11/22 11:10
-	4	5-71013	USPAT; EPO; JPO; DERWENT	2002/11/22 11:11
-	1	05-71013	USPAT; EPO; JPO; DERWENT	2002/11/22 11:12
-	10	"520162"	USPAT; EPO; JPO; DERWENT	2002/11/22 11:13
-	0	"9296344"	USPAT; EPO; JPO; DERWENT	2002/11/22 11:13
-	2	5950413.pn. 5970700.pn.	USPAT	2002/11/22 11:37
-	172	raschel same warp same knit\$4 and (polyester) and (elast\$6 or stretch or polyurethane)	USPAT	2002/11/22 14:21
-	2	raschel same warp same knit\$4 and (polyester) and (elast\$6 or stretch or polyurethane) and (satin adj net)	USPAT	2002/11/22 11:39
-	2	"5919564"	USPAT	2002/11/22 14:17
-	3	"5970700"	USPAT	2002/11/22 14:18
-	14	raschel same warp same knit\$4 and (polyester) and (elast\$6 or stretch or polyurethane) and trimethylene	USPAT	2002/11/22 14:22
-	6	raschel same warp same knit\$4 and (polyester) and (elast\$6 or stretch or polyurethane) and polytrimethylene	USPAT	2002/11/22 16:15
-	7	warp same knit\$4 and (polyester) and (elast\$6 or stretch or polyurethane) and polytrimethylene	USPAT	2002/11/22 14:24
-	7	warp same knit\$4 and (polyester) and polytrimethylene	USPAT	2002/11/22 14:24

-	7	warp same knit\$4 and (polyester) and (polytrimethylene or Corterra)	USPAT	2002/11/22 14:25
-	7	warp same knit\$4 and (polyester) and (polytrimethylene or Corterra or PTT)	USPAT	2002/11/22 14:25
-	7	warp same knit\$4 and (polytrimethylene or Corterra or PTT)	USPAT	2002/11/22 14:25
-	97	knit\$4 and (polytrimethylene or Corterra or PTT)	USPAT	2002/11/22 14:27
-	71	knit\$4 and ((polytrimethylene adj terephthalate) or Corterra or PTT)	USPAT	2002/11/22 14:32
-	175	knit\$4 and ((polytrimethylene adj terephthalate) or Corterra or PTT)	USPAT; EPO; JPO; DERWENT	2002/11/22 14:32
-	104	knit\$4 and ((polytrimethylene adj terephthalate) or Corterra or PTT)	EPO; JPO; DERWENT	2002/11/22 14:46
-	1	WO99/11845	USPAT; EPO; JPO; DERWENT	2002/11/22 14:46
-	0	WO9911845	USPAT; EPO; JPO; DERWENT	2002/11/22 14:46
-	4	"9911845"	USPAT; EPO; JPO; DERWENT	2002/11/22 14:47
-	76	"11845"	USPAT; EPO; JPO; DERWENT	2002/11/22 14:49
-	3867	polyester and kato	USPAT; EPO; JPO; DERWENT	2002/11/22 14:50
-	49	polyester and kato and whiteness and stability	USPAT; EPO; JPO; DERWENT	2002/11/22 14:52
-	9	corterra	USPAT; EPO; JPO; DERWENT	2002/11/22 14:52
-	50	knit\$4 and (polyester) and (elast\$6 or stretch or polyurethane) and polytrimethylene	USPAT	2002/11/22 15:14
-	1	knit\$4 and (polyester) and (elast\$6 or stretch or polyurethane) and (polytrimethylene adj terephthalate)	USPAT	2002/11/22 15:49
-	8	corterra	USPAT	2002/11/22 15:52
-	9	"578097"	USPAT; EPO; JPO; DERWENT	2002/11/22 15:53
-	9	corterra	USPAT; EPO; JPO; DERWENT	2002/11/22 16:01
-	1	"4165420".PN.	USPAT	2002/11/22 15:59
-	1	"5540868".PN.	USPAT	2002/11/22 15:59
-	1	"5633018".PN.	USPAT	2002/11/22 15:59
-	83	Whinfield and Dickson	USPAT; EPO; JPO; DERWENT	2002/11/22 16:01
-	362	Whinfield	USPAT; EPO; JPO; DERWENT	2002/11/22 16:09

-	2	JP25268697A	USPAT; EPO; JPO; DERWENT	2002/11/22 16:09
-	0	"25268697"	USPAT; EPO; JPO; DERWENT	2002/11/22 16:10
-	598	kato and fujimoto	USPAT; EPO; JPO; DERWENT	2002/11/22 16:10
-	51	kato and fujimoto and terephthalate	USPAT; EPO; JPO; DERWENT	2002/11/22 16:11
-	50	knit\$4 and (polyester) and (elast\$6 or stretch or polyurethane) and polytrimethylene	USPAT	2002/11/22 16:16
-	34	knit\$4 and (polyester) and (elast\$6 or stretch or polyurethane) and (polytrimethylene adj terephthalate)	USPAT	2002/11/22 16:17
-	21	knit\$4 and (polyester) and polyurethane and (polytrimethylene adj terephthalate)	USPAT	2002/11/22 16:19
-	149	polytrimethylene adj terephthalate	USPAT	2002/11/22 16:19
-	99	(polytrimethylene adj terephthalate) and advantage\$3	USPAT	2002/11/22 16:31
-	1	5250351.pn.	USPAT	2002/11/22 16:32
-	1	5250351.pn. and raschel	USPAT	2002/11/22 16:32
-	7	warp same knit\$4 and (Corterra or PTT or (polytrimethylene adj terephthalate)) and (elast\$6 or stretch or polyurethane)	USPAT	2002/11/25 08:43
-	11	warp same knit\$4 and (Corterra or PTT or (polytrimethylene adj terephthalate)) and (elast\$6 or stretch or polyurethane)	USPAT; US-PGPUB	2002/11/25 08:46
-	1	5950413.pn.	USPAT; US-PGPUB	2002/11/25 08:45
-	11	warp same knit\$4 and (Corterra or PTT or (polytrimethylene adj terephthalate))	USPAT; US-PGPUB	2002/11/25 08:46
-	2142	(Corterra or PTT or (polytrimethylene adj terephthalate))	USPAT; US-PGPUB	2002/11/25 08:46
-	37	knit and (Corterra or PTT or (polytrimethylene adj terephthalate))	USPAT; US-PGPUB	2002/11/25 08:47
-	96	knit\$5 and (Corterra or PTT or (polytrimethylene adj terephthalate))	USPAT; US-PGPUB	2002/11/25 08:47
-	71	knit\$5 and (Corterra or PTT or (polytrimethylene adj terephthalate))	USPAT	2002/11/25 10:19
-	179	knit\$5 and (Corterra or PTT or (polytrimethylene adj terephthalate))	USPAT; EPO; JPO; DERWENT	2002/11/25 10:19
-	21	(warp same knit\$5) and (Corterra or PTT or (polytrimethylene adj terephthalate))	USPAT; EPO; JPO; DERWENT	2002/11/25 10:43
-	94	knit\$4 and (Corterra or PTT or (polytrimethylene adj terephthalate)) and (elast\$6 or stretch or polyurethane)	USPAT; EPO; JPO; DERWENT	2002/11/25 11:06
-	478	(Corterra or PTT or (polytrimethylene adj terephthalate)) and (elast\$6 or stretch or polyurethane)	USPAT; EPO; JPO; DERWENT	2002/11/25 11:14
-	3	"5250351"	USPAT; EPO; JPO; DERWENT	2002/11/25 11:15
-	1		USPAT	2002/11/25 11:17

-	1		USPAT	2002/11/25 11:18
-	1		USPAT	2002/11/25 11:18
-	1		USPAT	2002/11/25 11:18
-	1		USPAT	2002/11/25 11:19
-	1		USPAT	2002/11/25 11:19
-	1		USPAT	2002/11/25 11:19
-	1		USPAT	2002/11/25 11:19
-	1		USPAT	2002/11/25 11:19
-	1		USPAT	2002/11/25 11:19
-	1		USPAT	2002/11/25 11:19
-	1		USPAT	2002/11/25 11:20
-	1		USPAT	2002/11/25 11:20
-	48	knit\$4 and (Corterra or PTT or (polytrimethylene adj terephthalate)) and (elast\$6 or stretch or polyurethane)	USPAT	2002/11/25 11:20
-	48	knit\$4 and (Corterra or PTT or (polytrimethylene adj terephthalate)) and (elast\$6 or stretch or polyurethane)	USPAT	2002/11/25 11:23
-	94	knit\$4 and (Corterra or PTT or (polytrimethylene adj terephthalate)) and (elast\$6 or stretch or polyurethane)	USPAT; EPO; JPO; DERWENT	2002/11/25 11:29
-	478	(Corterra or PTT or (polytrimethylene adj terephthalate)) and (elast\$6 or stretch or polyurethane)	USPAT; EPO; JPO; DERWENT	2002/11/25 11:51
-	94	knit\$5 and (Corterra or PTT or (polytrimethylene adj terephthalate)) and (elast\$6 or stretch or polyurethane)	USPAT; EPO; JPO; DERWENT	2002/11/25 13:42
-	99	knit\$5 and (Corterra or PTMT or PTT or (polytrimethylene adj terephthalate)) and (elast\$6 or stretch or polyurethane)	USPAT; EPO; JPO; DERWENT	2002/11/25 12:02
-	271	knit\$5 and (Corterra or PTMT or PTT or trimethylene or (polytrimethylene adj terephthalate)) and (polyurethane\$3 or urethane\$3)	USPAT; EPO; JPO; DERWENT	2002/11/25 12:17
-	2	knit\$5 and polyester and (polyurethane\$3 or urethane\$3) and tricot and plait\$3 and warp	USPAT; EPO; JPO; DERWENT	2002/11/25 12:18